

Column

Row	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	ACGTC AATTGC TGCAG TTA	AGCAA GCCCCT TCTGCT GTT	CTGCT AGTGA TGCAG GTGC	TTGCA CCTTTT AAATGA AA	TCCTA AGTGA TAGCAA GG	TATCA ATTAAA CCACAT G	CGTAA GCGCA TGATG ACTT	CGCTG AAAATA CGTGG CTT	AGTCTA TTAAAC TAAATG C	CGTAT CTATTT AACAC AT	CGTTO ATGCT ATTAAC ATC	CGAAG ACCGT CTTTCA CTT	AGAGTT GATAC GTATTA GG	TCAGTT AATTGT TAGTAA T	TTACCA ACTAG CTAATA CG	AGATAC CGTCA GGGGA CGT
2	AGCAA GCTTCT CGTCC GTT	GGCAG TCTCTC TTTGA TT	TCGAG TAGTG ATGCAA GTG	CTTCT TCAAG CATCTA AC	AGAGT TTTACG ATCCTA AG	TAGAG CAAGG ATTCTT TT	CTTTGA GCGAC TTTTAA TA	CTTTAA GAGAT TTGCAT GA	TAGCTT TCATA TCTAA G	CGGCT AACGT CAATC GATG	CAATTC CTTTGA GTTTAA G	TGATCA AACCT GTATTA T	TTTTGA GATTA GATC CTA	TGTTAG TAACTA TAGTAA A	CGGTA TTAGTA TACCCT TC	AGAACT CAAGC TGCCA GTT
3	Buffer	TCAGG CTACG CACGA CTTT	CATCT GTAGG TGATG CAA	GTATG AACCT CCATTC TC	CACAG TTACTT ACACAT TT	CTTATA AAAAG GGTTTA CG	TATCA ATTAAA CCACAT G	CGTTTG AGTTC CCACC ATT	AGCGG ACTCCA TGAGG TCG	CTAGT CTATTA AACATA AT	CGAAGT AACATA TCAGAT A	CGTAA GAGTA GATC TTA	TCGCT GAGTA TTGTAT TGT	GTGCG TTCTG ATAAG TA	CTGTAT TAGAAC CAAGG AT	TAGCT CGTAAT AAATG GTT
4	Buffer	GGCAT GCGCG ATAAAG TGT	TAAATT ACTAC ATGCT TT	TCTACT TGATG GTG	AGTTAC TTACAC AGTAT TA	CAGTG AAATAT CAATAT TA	TCTTTA TTCATA CAATAT A	TCAGCA TTATG GTATG A	AGAGG GCTTTA TCCGG TTT	AAAGCC ATAATA GTCAAT TA	TGCGG GTAA CGC	AGAGG GACATA AGGTA TTA	TATCTC TAGAG TTGTCA AA	TATTTA CGAA CTC	CTGTAT CTTTAT CTTAT AT	CGTTC CTCTA GTTTAT CAC
5	Buffer	CGAAA GCGCC TTTCA TCT	AATTAC CTATCT GCGCT AG	AAAGCT CTATCT CTAGT GC	TTCACT TACTAA CAATTT T	CAAGC AAAGC GTCTT CAC	TTTTCA CAATAT TCAAGT G	TTCTCT TCAAT ATCACT G	CAAGG TATTA ACCTTA AC	AATTCG ATTGGA GTTTAA A	TTAAGG TCAATT TGATG A	ACCAA CTAAGT AATCAG AT	TAAAG TATTA ATCTTA TC	AAAGG TATTA CTTTAC AG	CGTTAT AGGTA GATTC CTT	GTATTA GAGCC AAAGG TTT
6	Buffer	AGATAC CGTCA GGGGA CGT	AATTGC ACCTTT TAAAT A	ACCTTT TAAAT AATGTC A	GCATA GTACT TACATC CT	TCAAT GATGA GCCTA TTA	CGAGT GAATAT CAAGT ATT	ATTCTT TCCTG ATAAAA GG	ACATTA TGCGG TATTA TC	GATGA ACATTC TACTCT CA	CATCTA GCTTTC ATGAT C	Buffer	AGAGG TCATTT CA	TATCTA ATCTT GTGTA TC	CTGAA GTATTT AAGT AG	ACATAC TGAC TTTAT CT
7	Buffer	TTCTC CCGAC TGAAA GTG	TAACTT CAAGC TTAAG AA	ACCTTT TAAAT AATGTC A	TTCAAT ATGTA TCCGG TA	CGCGT ATTAG GCCCG TTT	TAAATG TATTC GGCAT TA	CACATA TCTCT TTGCA T	CTTCTT CTAGT TATCA C	AGAGT TATTA CGTTAA CG	TACTTC TATTA CGTTAA CG	TAAGCT CAATTT GATG A	TAAGCT CAATTT GATG A	AGAGT TATTA CGTTAA CG	CTGAA GTATTT AAGT AG	ACATAC TGAC TTTAT CT
8	Buffer	GGTAA GCTCA ATGCG CAA	AATAAA TGATAT AT	AATTGC ACCTTT TAAAT A	TCTAAA TGATAT AT	GTAA GTCAAT GTGTA GG	CATGC GTGTC AATATA TTA	AAAGG TATTA GTCA GTA	CGGAA ATTCCT TATTA TA	TTAAT TGCTA CTTCAT GC	AGAGG GCTTTA AGGTA TTA	TATAAG TTTCAT ATGAT T	GATGA GTGTA TAACT CA	AGAGG GTATTA TAACT TT	CACAG TACAT ACATAT AT	TAGGT ATTAAC TAAAGT AG
9	Buffer	TGCGG GTAA GCTCA CGC	AAATGA ATGACA TGATG CA	AATTGC TAAAT TAAAT A	CAAGG GTAGG GTAGG TTA	TAGCA GTGTA AATGCT TA	TGTTCC TCTCT TATCTA C	AGAGG AGCTT CTGCT CGG	CAAGT CAACT GCAAT TT	AATGG CTAAG GTATTT AAC	ACTAG CTAAT AGTTAT CG	GATCT CTAAT GATG TCTA	TACAG TATTA CTGTT G	CAAGG TAACT GAC	TAAGCT CTTTTA ATAAG G	CAATTT CGTAT CGTAT G
10	Buffer	TCAGTA TTGAG CATGC GG	CTATCT CTAGAA ATAAG T	CTTGC ATCTTT CAATCA AT	TAACT GTGTA ATTACT C	TTAATG AGCTT TTAACC TA	TTACCT TGTTAC GACTTA G	TGCGG TTCAAT ATAAT TC	AGAGT GATAT CGGTA TTA	CGGAA ATTCCT TAAATA TA	GCTCA GTCAAT TTAAT TC	AGGCT AATGCT TGCGG TTA	ATAAG TTTCAT TGAGT T	TAACT CGGTA ACGCT TA	AGAACT TCCACA AATTA A	ACTTTC TCCTT CGGGA CGT
11	Buffer	CGGCT AGAGT GTGCA CACT	CTATCT CTAGAA ATAAG T	ATTATC ATGCAA TAAAT A	ATCACT GTAGG TAACT AC	ATAAG GTATTT AAGCT AAG	TGCTG GTGCT AAGAT AG	TCCTAT ATCTAC GCTTT G	AGAGG GCTTT GCTTT G	AGAGG ATTCCT TAAATA TA	AGGCT TATTA CGTTAA CC	CAAGT GCTAAT CAATTA G	ATAAG GTATTA ATAAG CT	GTACAA GTATTT ACCTT TT	CAAGT GTATTT TAACT TAA	GTGTA GTGTA ATTGAT AAG
12	Buffer	GTATC CCGAC TTTCT CCT	ATGCAA TAACTA TTTAA T	TTTAA TTCAG CTTAT A	CTCAT AGTCTA GTGTA AA	AACCTT TAAAC TAACT A	AATCA CTCTTA ACCTAT C	GTATC GACTTA GTGCT AAT	ATGCG GTGCA CGGTA TTA	AGAGT GATATC CGGTA TTA	AATCTT TAAATA ATCAT C	GCTCA GTCAAT TTAAT TC	GTGCT TGCGA TTAAT GC	ATTCTT TTGAGT TTGAGT C	ATCGAT GTGAT TATTA CC	CGTCA TTCTAT TCTAT AG
13	Buffer	TGCTAT GCAAC ATCCAC TC	GCATC TTTCAA TAAAT AT	ATCTTT CAATCA ATTAA A	ACAAT TAACT TTCAT AG	ACATCA GCTCT AGATAC AG	GTGAA ATATAT ATGAT AAG	ACTTTC ATATAT CTAGC AT	GTGCT TCTCT ATCTAT G	CGTGG CTTCT GATTA G	TATGCT ATCCT ATATTA AT	CAAGG TATTA GTGTA ATC	TAAAGT TATTA GTGTA ATC	CATGAT CAAACT CTTAT T	AACCAA CTTTTA AATAT T	ACTAAG TATCA AAGCA AG
14	Buffer	CGTGA ACGTA GTGAT GTG	GTGCT TGCGA CGTTAT GTG	ACTAG CTAATA CAAGG TAG	TTTCA TTCAG CTTAT T	TCGCA CATCA GCTCT AAG	TGATA GTGCT ACACAA T	AGGCA CCATTC ATTAT AA	AGTTA GCGCG TGTTC TTT	GTATAT AATCTT GTGCT CT	AGATG ATATCC GTGAT AG	ATATCA TGCGA TATTCG TA	ATGCG TAACT TGATAT TA	GTGCT TGCGA CTTTAT GTG	CTAAG ATAGT TTTCA G	TCAATC GTGTA GTTAT TA
15	Buffer	TTTCAA AGCGG CCAAC CCC	CACCTT TGAAC CATGC CGT	ACTAG CTAATA CAAGG TAG	TGTGTT AAATGC TGTAT TC	CTATTG AACCAT GCGGT TC	AAAAC ATAATA TAAAG CT	TTTCAT CTCTC GATTC AC	CATGTA TTAGTA AATCT T	CTTCTT ATATCT ACGCA TT	TAGCTA ATGCA GCGCG GAT	CACCTT TTCGA GTAGT AT	GCTTTA ATAATT GTGTA AT	CATCG AATTA TCCACA GTG	TTTAA AGATTA GCTTA GTG	TAGTTA CTACAT ATCCAT T
16	Buffer	GGGCT ATTAG GCGCG TTT	CACCC CAATCA TTGTC CC	AAAGC CTACT TAAAG AG	CTTCA GACTTA TTAAAG CG	TAGTTA CTTACA GCTAT GT	GCGAC TCTCTT TCCAA TT	ATAAG TTGATA ACCAA T	GGATC AAATCT CAATTC TA	CCCAC AAAGG CGCTT CTT	ATTCTC ATCTCT GAAAG CTT	AGATG ATATCC GTGAT AG	GGAGC GCTAT GCTTA CCTT	TTTCA ATCTGA CTTAA T	GTACAA TTCTGA TTTAA A	TCCGA ACTAAG AATAG TT
17	Buffer	ACTTTC TCCTT CAAGG CGT	GAAGC CATCC CCATC CTTT	GTGAT ATCCAC AGGTA TA	CTTCTT AGGTA GTGTA AG	TCATA AGTGA TAGCA AG	GGGGA ATGCT ATGCT CTT	AAAGC ACATCA TGCGT CTT	ATTAA TGATG TTGTT T	TAATTA AGGAT AGGAT AG	CAATC GTGAT GTGAT AG	CACCTT TGATG CATGC GAT	TCACA GTGAT AGGAT TA	CTTCTT GTGAT GTGAT TA	CTAAG GTGAT GTGAT TA	TTTCC CCCTC TGATG GAT
18	Buffer	CCGAC AAAGG CAAGG CCTT	TTCAAT AGTAT GGGGA TGC	TGCTAT GCAAC ATCCAC TC	GTGCTT AATCA TGTAA G	TCATA AGTGA TAGCA AG	GCTCC TTTAA TACTTC TT	CGAAA GTGCT TCTCT TCT	TAATTC TAAAG GCTCT AA	CTAAG GTGAT CAAAA GATG	CCCCA ACCGC GAAAG CCTT	TTCTCA TCTCT AAAAG T	CTGCT GAAAG TTCTTA CTA	CATCCT TTACG GTGAT CCT	GAAA CTTCA GTGAT TGT	GATGA AGTAT AATTC AC

Figure 1

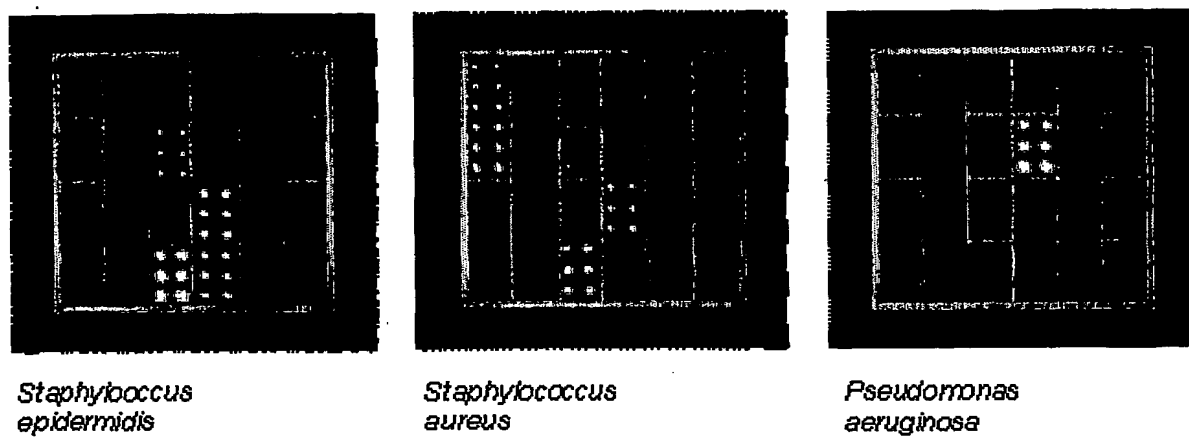


Figure 2

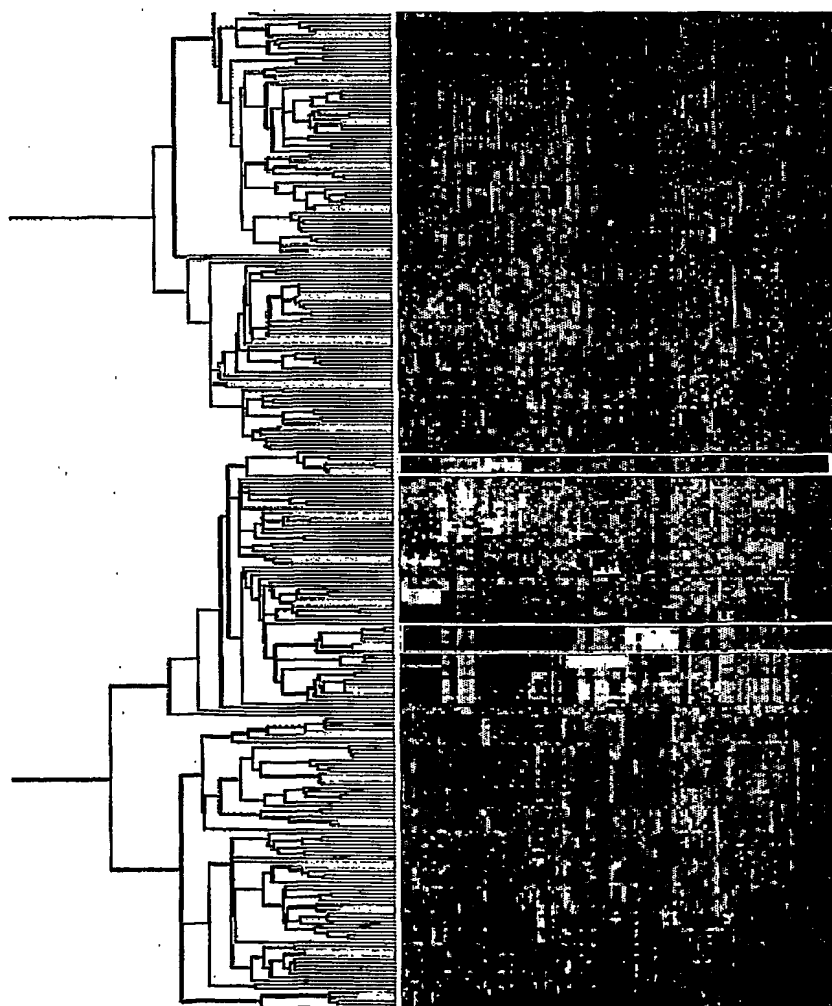


Figure 3

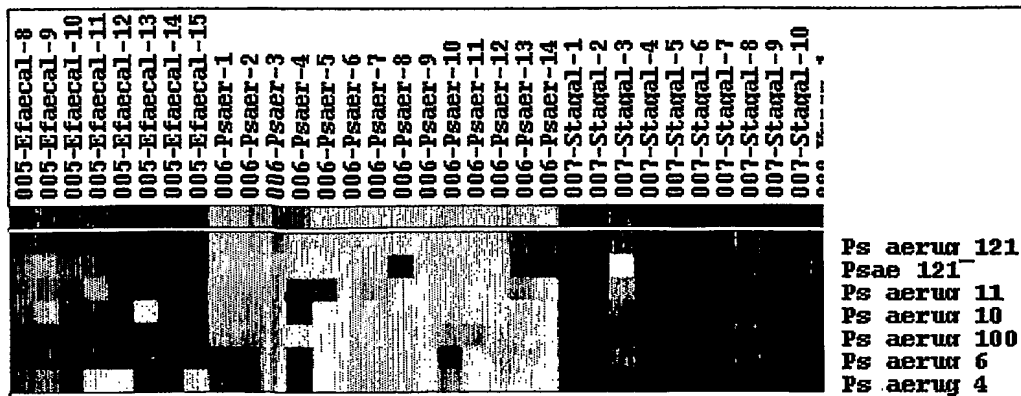


Figure 4a

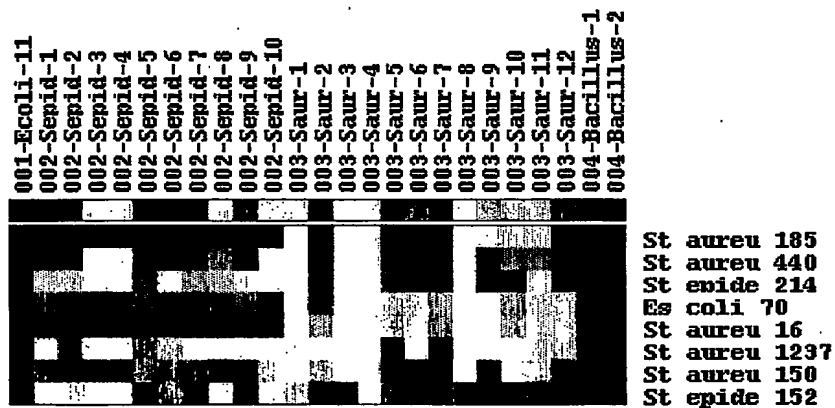


Figure 4b